

Work Order ID 106517

106517

Page 1

September-05-13 10:40:16 AM

Item ID: D4022-5 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Thermal Switch
 Start Date: 9/05/13 Start Qty: 8.00 10 CL Cust Item ID:
 Required Date: 9/12/13 Req'd Qty: 8.00 *8* *8* Customer:
 Reference:

Approvals: Process Plan: CL Date: 13/09/06 Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D4022	C								

100

0.00

100

Purchasing

Purchasing

Memo

Issue P/O: 21226
 Purchase part as per Dwg D4022
 Part #: T23A125BSR2-15
 Possible Supplier: HONEST-WELL
 Material release note required

0.00

CL 13/09/06 (10)

110

Receive & Inspect for Damage & Mat'l Certs

0.00

110

Packaging

Packaging

Memo

0.00

CL 13/11/11 (10)

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Page 2

September-05-13 10:40:16 AM

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Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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120	QC6- Inspect dimensions to drawing	0.00				10			
120									
QC	Memo	0.00							
Quality Control									

130	Identify as per dwg & Stock Location: <i>8-242A</i>	0.00							
130									
Packaging	Memo	0.00							
Packaging									

140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

13/9/16

Picklist Print

September-05-13 10:40:16 AM

Page 1

Work Order ID: 106517

Parent Item: D4022-5

Parent Item Name: Thermal Switch

Start Date: 9/05/13

Required Date: 9/12/13

Start Qty: 8.00

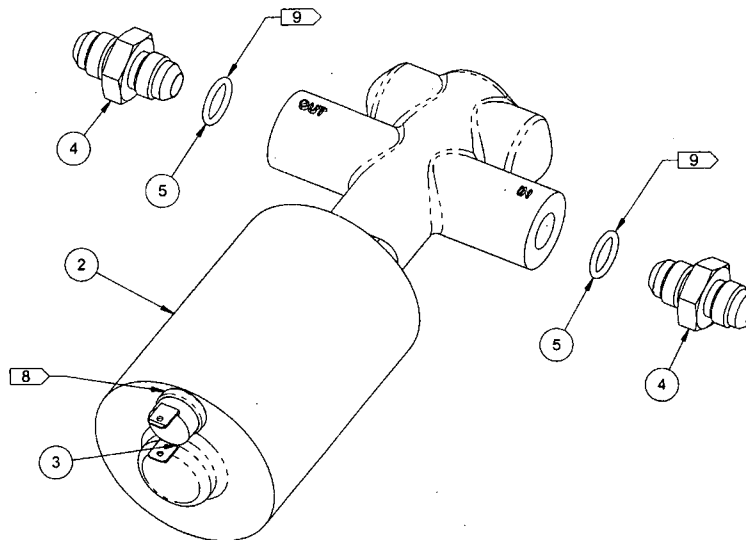
Required Qty: 8.00

Comments: IPP rev A 09.12.23 new Issue Prelim EC verified by: DD IPP Rev:B 10.05.17 as per ECN10-562 DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
T23A125BSR2-15 thermal switch		Purchased	No			110	Each	0.0000	1	10			

143/11 (10)

ITEM NO.	QTY. -041	PART NUMBER	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER
1	X	D4022-041	FUEL TRANSFER PUMP ASSEMBLY	A8150-B1-JCA
2	1	D4022-1	FUEL TRANSFER PUMP	
3	1	D4022-5	THERMAL SWITCH	
4	2	AN815-6D	FITTING, UNION	
5	2	MS29512-06	O RING	



C213/09/06
W10:106517

D4022-041 FUEL TRANSFER PUMP ASSEMBLY

RELEASED
2012-03-03

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
- 7) WEIGHT: 2.61 lbs
- 8) ATTACH D4022-5 THERMAL SWITCH TO D4022-1 FUEL PUMP IN LOCATION SHOWN USING METALSET A4
- 9) LUBRICATE O-RING WITH ULTRACHEM ASSEMBLY FLUID #1, FUEL-LUBE, MOLYKOTE 55 O-RING GREASE OR EQUIVALENT

REV.	DESCRIPTION	BY	DATE
C	CORRECTED TYPO: AN815-6D WAS AN818-6D, ZN D7-1. CORRECTED SPELLING OF "AEROSPARES", ZN B5-3.	DC	12.02.09
B	CORRECTED SPELLING OF "AEROSPARES", ZN B5-3. REF CAR 11-50.	DC	11.09.28
A	NEW ISSUE	HS	10.04.16
DESIGN	DESIGNED BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. D4022 TITLE FUEL PUMP SCALE NTS	
DRAWN	DRAWN BY		
CHECKED	CHECKED BY		
MFG. APPR.	MFG. APPR. BY		
APPROVED	APPROVED BY		
DE APPR.	DE APPR. BY	DATE 12.02.09	
DATE	DATE		

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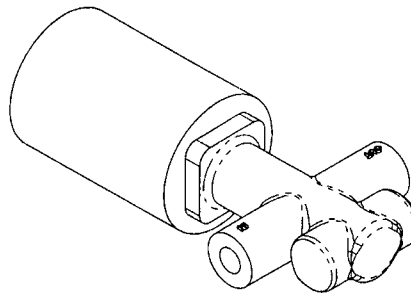
DART AEROSPACE
PART NUMBER

JOHN CAMERON AVIATION
PART NUMBER

D4022-1

REF JCA/M47/D3/SHT 13

SPECIFICATION CONTROL DRAWING



DART PART NUMBER	SUPPLIER	SUPPLIER PART NUMBER	OPERATING VOLTAGE	FLOW (GPH)	OUTPUT PRESSURE (PSI)	TEMPERATURE RANGE
D4022-1	WELDON	A8150-B1	24 VDC	35 - 50	5 - 25	-65°F TO +185°F
	AEROSPARES ACCESSORIES	A8150-B1	24 VDC	35 - 50	5 - 25	-65°F TO +185°F

D4022-X FUEL TRANSFER PUMP

RELEASED
2012-03-02
AMP

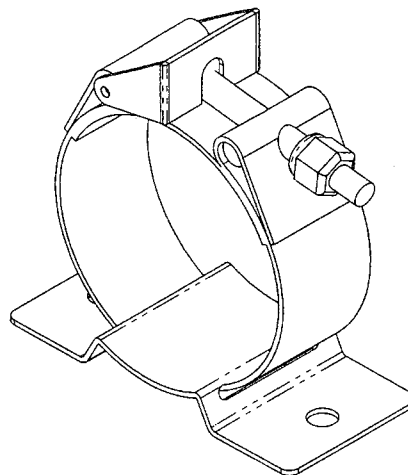
NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 2.6 lbs

DESIGN	JS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	SC		
CHECKED	JS	DRAWING NO. D4022	REV. C
MFG. APPR.			SHEET 2 OF 4
APPROVED	MA	TITLE	SCALE
DE APPR.	MA	FUEL PUMP	NTS
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DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D4022-3	REF JCA/M47/D3/SHT 13

SPECIFICATION CONTROL DRAWING



DART PART NUMBER	POSSIBLE SUPPLIER	SUPPLIER PART NUMBER	MATERIAL	FITS MOTOR SIZE (ϕ)
D4022-3	WELDON	TC 250-100	STAINLESS STEEL	2.5
	AIRCRAFT SPRUCE AND SPECIALTY	05-00021	STAINLESS STEEL	2.5
	AEROSPARES ACCESSORIES	TC 250-100	STAINLESS STEEL	2.5



D4022-X FUEL PUMP MOUNTING BRACKET

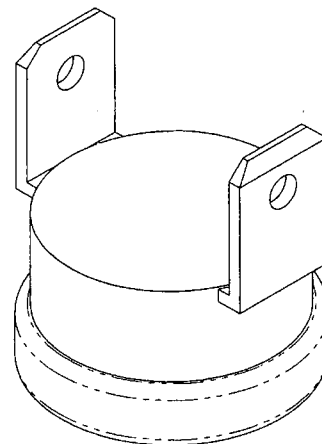
2012-03-22
JMP

NOTES:
 1) MATERIAL: N/A
 2) FINISH: N/A
 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 6) IDENTIFICATION: N/A

DESIGN	JS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	JS		
CHECKED	JS	DRAWING NO. D4022	REV. C
MFG. APPR.		SHEET 3 OF 4	
APPROVED	MP	TITLE	SCALE
DE APPR.	MP	FUEL PUMP	NTS
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DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D4022-5	REF JCA/M47/D3/SHT 13

SPECIFICATION CONTROL DRAWING



DART PART NUMBER	POSSIBLE SUPPLIER	SUPPLIER PART NUMBER	ALTERNATE PART NUMBER	TEMPERATURE WHEN SWITCH OPENS
D4022-5	FARNELL	1006847	3775628	125°F
	HONEST-WELL	T23A125BSR2-15	3775628	125°F
	NEWARK	98K1992	3775628	125°F

D4022-X THERMAL SWITCH

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) FINISH: N/A

DESIGN	<i>BC</i>	DART AEROSPACE LTD	
DRAWN	<i>BC</i>	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>BC</i>	DRAWING NO. D4022	REV. C
MFG. APPR.		SHEET 4 OF 4	
APPROVED	<i>140</i>	TITLE	SCALE
DE APPR.	<i>A</i>	FUEL PUMP	NTS
DATE	12.02.09	<small>COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESSED CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

2012-03-02
WIP



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO21226**

Purchase Order Date 9/6/2013

PO Print Date 9/6/2013

Page Number 1 of 2

Order From :
NEWARK
C/O T27537 P.O.BOX 4275
POSTAL STATION "A"
TORONTO, ONTARIO M5W 5V8
CANADA

VC-NEW002

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

PAID
11/30/13

Contact Name
Vendor Phone 800-463-9275 Ext.Sales

Ship To Contact
Ship To Phone
Ship Via: FedEx PI collect
Ship Acct:

Buyer
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	T23A125BSR2-15 AS PER DWG D4022 REV. C B106517 NEWARK P/N: 98K1992	thermal switch	9/12/2013 Yes 9/12/2013		10.00 Each	\$2.55	\$25.50
Line Total:							\$25.50
2	1N4007 NEWARK P/N: 18C8923	DIODE	9/12/2013 Yes 9/12/2013		50.00 Each	\$0.11	\$5.40
Line Total:							\$5.40
3	71500-20	84F505 WIRE STROPPER 10-22AWG	9/12/2013 Yes 9/12/2013		2.00 Each	\$47.15	\$94.30

Note:

9/6/2013

Orders: 1-800-463-9275
Cust Service: 1-866-752-9279
www.element14.com
www.newark.com

Customer PO: PO21226



Canada





Rel.:

Number of Lines: 4
Ship Date: 9/6/2013
Bill-To Acct: V1 659740001
Ship-To Acct:

Ship To:
CHANTALLA VOIE
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7 Canada

Sold To:
CHANTAL LAVOIE
CLAVOIE@DARTAERO.COM





Bill To:
DART AEROSPACE LTD
CHANTALLA VOIE
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7 CA

Ord Line	Cust PO Line	SKU #	UOM	Order Qty	Shipped Qty	Previous Shipped Qty	Back Ordered Qty	RoHS
1	001	98K1992	EA/1	10	10	0	0	Yes
Mfr part# T23A125BSR2-15 Customers part# THERMAL SWITCH, NC, 125°C; Contact Configuration:SPST-NC; Contact Rating:125VAC/15A, 250VAC/10A, 250VAC/16A; No. of Pins:2; Sensor Terminals:Quick Connect; Contact Configuration:SPST; Contact Current Max:10A								
				Mfr Name MULTICOMP	Country of Origin TW	Customer Part#	Shipped Qty 	
2	002	18C8923	TC/1	50	50	0	0	Yes
Mfr part# 1N4007 Customers part# DIODE, STANDARD, 1A, 1KV, DO-41; Diode Type:Standard Recovery; Diode Configuration:Single; Repetitive Reverse Voltage Vrrm Max:1kV; Forward Current If(AV):1A; Forward Voltage VF Max:1.1V; Forward Surge Current Ifsm Max:30A								
				Mfr Name FAIRCHILD SEMICONDUCTOR	Country of Origin PH	Customer Part#	Shipped Qty 	
3	003	84F505	EA/1	2	2	0	0	
Mfr part# 45-092 Customers part# WIRE STRIPPER, 10-22AWG, 22MM; Stripping Capacity AWG:10AWG; Strip Length:22mm; For Use With:10 to 22AWG Wire; Handle Color:Blue; Series:Stripmaster								
				Mfr Name IDEAL	Country of Origin US	Customer Part#	Shipped Qty 	
4	004	63M9583	EA/1	1	0	0	1	
Mfr part# 45-092 Customers part# Mfr Name VEAM Country of Origin AAA								
						Customer Part#	Shipped Qty 	

Non-Cancelable, Non-Returnable

Yes = RoHS Compliant. YesX = Compliant per exemption. See our website www.newark.com for definition of RoHS compliance. Newark is a distributor of electronic products manufactured by others. The Country of Origin data on the packing list has been provided by the manufacturer and Newark is not responsible for the accuracy

Order Line Cust PO Line

1	001	MFR# T23A125BSR2-15	Part:
THERMAL SWITCH, NC, 125°C; Contact Configuration:SPST-NC; Contact Rating:125VAC/15A, 250VAC/10A, 250VAC/16A; No. of Pins:2; Sensor Terminals:Quick Connect; Contact Configuration:SPST; Contact Current Max:10A			
RoHS: Yes			
SKU: 98K1992			
2	002	MFR# 1N4007	Part:
DIODE, STANDARD, 1A, 1KV, DO-41; Diode Type:Standard Recovery; Diode Configuration:Single; Repetitive Reverse Voltage Vrrm Max:1kV; Forward Current If(AV):1A; Forward Voltage VF Max:1.1V; Forward Surge Current Ifsm Max:30A			
RoHS: Yes			
SKU: 18C8923			
3	003	MFR# 45-092	Part:
WIRE STRIPPER, 10-22AWG, 22MM; Stripping Capacity AWG:10AWG; Strip Length:22mm; For Use With:10 to 22AWG Wire; Handle Color:Blue; Series:Stripmaster			
RoHS:			
SKU: 84F505			
4	004	MFR# 45-092	Part:
RoHS:			
SKU: 63M9583			

To insure proper credit to your account, please contact Customer Service at 866-752-9279 for issuance of RMA number



element

Order #: 055183

Date shipped:

RMA #:

Reason for Return

AVM 353

Rev. Date